SAMRUDH
Architects and Interior Designers

Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 17.03.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, BBMP, Bangalore.

Agency : **Sri. G. N. Ramesh,** Contractor, Bangalore.

Name of the work : Improvements to roads and drains around Singapura, Singapura Garden, Raghavendra Colony, Teachers Layout, and MS Palya in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Reference : EE(Project)/Ynk Zone/WO/160/2019-20 Dated: 20.02.2020

Sample ID : Pavement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.03.2020	17.03.2020	8.123	478.3	21.26
2	10.03.2020	17.03.2020	8.248	493.2	21.92
3	10.03.2020	17.03.2020	8.361	508.3	22.59

Note:

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SAMRUDH ARCHITECTURAL DESIGN

#M-32,25TH Main,LICRaoHousing,J.P Nagar 1st Phase,
Po Box 7826,Bengaluru-560078. Mobile:+91 9845167738 Tele Fax 080-41211493
E-mail:klsuguna7@gmail.com .www.ezdihaar.com

SAMRUDH
Architects and Interior Designers

Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 07.04.2020

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** Project Division, BBMP, Bangalore.

Agency : **Sri. G. N. Ramesh,** Contractor, Bangalore.

Name of the work : Improvements to roads and drains around Singapura, Singapura Garden, Raghavendra Colony, Teachers Layout, and MS Palya in Ward No. 11, Kuvempunagara, BBMP, Bangalore.

Reference : EE(Project)/Ynk Zone/WO/160/2019-20 Dated: 20.02.2020

Sample ID : Pavement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.03.2020	07.04.2020	8.354	698.5	31.04
2	10.03.2020	07.04.2020	8.412	711.4	31.62
3	10.03.2020	07.04.2020	8.293	729.8	32.44

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Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.03.2020	17.03.2020	8.205	481.2	21.39
2	10.03.2020	17.03.2020	8.263	498.8	22.17
3	10.03.2020	17.03.2020	8.312	516.7	22.96

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.03.2020	07.04.2020	8.145	709.8	31.55
2	10.03.2020	07.04.2020	8.325	717.5	31.89
3	10.03.2020	07.04.2020	8.268	731.4	32.51

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Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 21.03.2020

TEST REPORT ON CONCRETE CUBES

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Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2020	21.03.2020	8.113	462.4	20.55
2	14.03.2020	21.03.2020	8.231	475.6	21.14
3	14.03.2020	21.03.2020	8.359	491.7	21.85

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Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 11.04.2020

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Cross Sectional Area : 22500 mm^2

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Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2020	11.04.2020	8.149	707.4	31.44
2	14.03.2020	11.04.2020	8.356	716.8	31.86
3	14.03.2020	11.04.2020	8.288	734.1	32.63

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3	14.03.2020	21.03.2020	8.361	508.3	22.59

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Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2020	11.04.2020	8.328	718.6	31.94
2	14.03.2020	11.04.2020	8.426	725.7	32.25
3	14.03.2020	11.04.2020	8.247	705.4	31.35

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Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2020	21.03.2020	8.231	491.3	21.84
2	14.03.2020	21.03.2020	8.348	515.7	22.92
3	14.03.2020	21.03.2020	8.125	473.8	21.06

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Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2020	11.04.2020	8.184	724.1	32.18
2	14.03.2020	11.04.2020	8.265	702.5	31.22
3	14.03.2020	11.04.2020	8.317	715.6	31.80

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SAMRUDH
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Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 26.03.2020

TEST REPORT ON CONCRETE CUBES

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Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19.03.2020	26.03.2020	8.212	482.6	21.45
2	19.03.2020	26.03.2020	8.268	499.7	22.21
3	19.03.2020	26.03.2020	8.319	516.2	22.94

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Job No.: CACE-BBMP-GNR-W.No.11-2019-20 Date: 16.04.2020

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	19.03.2020	16.04.2020	8.157	710.5	31.58
2	19.03.2020	16.04.2020	8.342	718.4	31.93
3	19.03.2020	16.04.2020	8.276	732.6	32.56

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1	19.03.2020	26.03.2020	8.137	487.3	21.66
2	19.03.2020	26.03.2020	8.226	501.7	22.30
3	19.03.2020	26.03.2020	8.382	515.5	22.91

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1	19.03.2020	26.03.2020	8.134	476.2	21.16
2	19.03.2020	26.03.2020	8.289	491.3	21.84
3	19.03.2020	26.03.2020	8.318	505.7	22.48

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